



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D3916-5
Job Sheet 189022



Part No: D3916-5

Job Qty: 6 pcs

Part Name: Light Rib



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/17/19

Job Tracking No:

Created By: Dara Macdonald

Due Date: 2/15/19

Description:

Type: Stock

Note: DWG REV A IPP RevA: new issue DD 09.11.23 verified by:EC IPP Rev:B as per dwg revA 10.03.15 verified by:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea	2/15/19	2/15/19	0.00	0.00	Start Up Large Fab-5		
100	Large Fab - Basket - 1	6 pcs	2/15/19	2/15/19	0.00	2.40	Large Fab - 1		
							Large Fab - 10		
							Large Fab - 2		
							Large Fab - 3		
							Large Fab - 4		
							Large Fab - 5		
							Large Fab - 6		
							Large Fab - 7		
							Large Fab - 8		MAC
							Large Fab - 9		
110	QC 5	6 pcs	2/15/19	2/15/19	0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		DAS
							QC 5 - 38		38
							QC 5 - 42		9-89
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
120	Packaging 3-1 - Stock - B4B	6 pcs	2/15/19	2/15/19	0.00	0.00	Packaging 3 - 1 - B4B		
							Packaging 3 - 2 - B4B		

Packaging 3 - 3 - B4B	1/22/19 8:07 AM Dart.Hadley.Shannon
Packaging 3 - 4 - B4B	
Packaging 3 - 5 - B4B	
Packaging 3 - 6 - B4B	
Packaging 3 - 7 - B4B	
Packaging 3 - 8 - B4B	
Packaging 3 - 9 - B4B	
Packaging 3 - 10 - B4B	
Packaging 3 - 11 - B4B	MAC
Packaging 3 - 12 - B4B	
Packaging 3 - 13 - B4B	
Packaging 3 - 14 - B4B	
Packaging 3 - 15 - B4B	
Packaging 3 - 16 - B4B	
Packaging 3 - 17 - B4B	
Packaging 3 - 18 - B4B	
Packaging 3 - 19 - B4B	
Packaging 3 - 20 - B4B	
Packaging 3 - 21 - B4B	
Packaging 3 - 22 - B4B	
Packaging 3 - 23 - B4B	
Packaging 3 - 24 - B4B	
Packaging 3 - 25 - B4B	
Packaging 3 - 26 - B4B	
Packaging 3 - 27 - B4B	
Packaging 3 - 28 - B4B	
Packaging 3 - 29 - B4B	
Packaging 3 - 30 - B4B	
Packaging 3 - 31 - B4B	
Packaging 3 - 32 - B4B	
Packaging 3 - 33 - B4B	
Packaging 3 - 34 - B4B	
Packaging 3 - 35 - B4B	
Packaging 3 - 36 - B4B	DAS

130 QC 21 - SA	6 pcs	2/15/19	0.00 0.00
			QC 21 - SA - 21
			QC 21 - SA - 70

Part Op 100 - Large Fab 8 (Fabricate per Drwg) 1- Cut tube 50" 2- Bend tube with manuel pipe bender as per DT9566 *** Make
 Descriptions: line at 9.00" annd use jig for other line***
 110 - (QC5- Inspect part completeness to step on W/O)
 120 - Packaging3 Large Fab (Identify as per dwg & Stock Location: LOCATION: WA004-4
 130 - QC21 (QC21- Final Inspection - Work Order Release) 1-Cut as per Dwg D3942-3

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M304TS0.500W.049	Square Tubing	24.9960 ft (4.166 ea)	90-Start up Operation	16.664 FT -> D S 139624 8.332 FT -> D S 145963

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M304TS0.500W.049	25	547	0



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 1270 Aberdeen Street
 Hawkesbury, ON K64 1K7
 CANADA
 TEL.: 1 613 632-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

Container No: S147580



Part: D3916-5
 Job No: 189022
 Serial No/Batch: S147580

Revision:
 Inspector:
 Exp Date:
 Instructions: Various STC's

Date: 01/24/19

Plex 1/22/19 8:07 AM Dart.Hadley.Shannon



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D3916-5 Job Sheet 189022



Part No: D3916-5

Job Qty: 6 ea

Part Name: Light Rib



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/17/19

Job Tracking No:

Due Date: 2/15/19

Created By: Dara Macdonald

Type: Stock

Description:

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Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard	
					Setup Hrs	Run Hrs
90	Start up Operation	6 Ea	2/15/19	2/15/19	0.00	0.00
100	Large Fab	6 pcs	2/15/19	2/15/19	0.00	2.40
110	QC	6 pcs	2/15/19	2/15/19	0.00	0.00
120	Packaging	6 pcs	2/15/19	2/15/19	0.00	0.00
130	QC21-SA	6 Ea	2/15/19	2/15/19	0.00	0.00

Part Op 100 - 1- Cut tube 50" 2- Bend tube with manuel pipe ber
Descriptions: line***

120 - LOCATION: WA004-4

130 - 1-Cut as per Dwg D3942-3

Job B

Part / Item	Component Name	Quantity
M304TS0.500W.049	Square Tubing	24.9960 ft (4.16

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M304TS0.500W.049	25	183	0

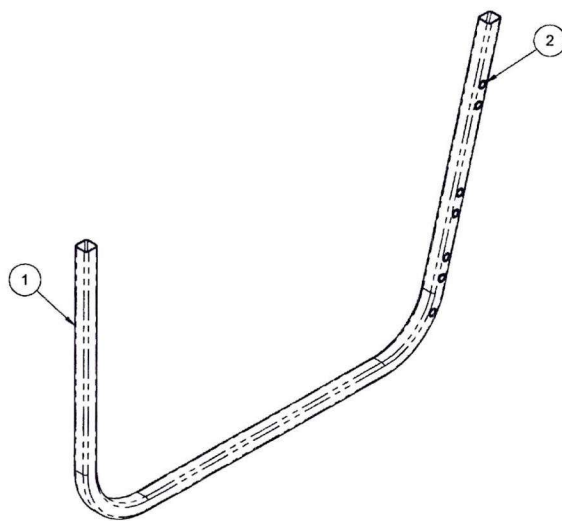
Part Specifications

Specifications could not be found.

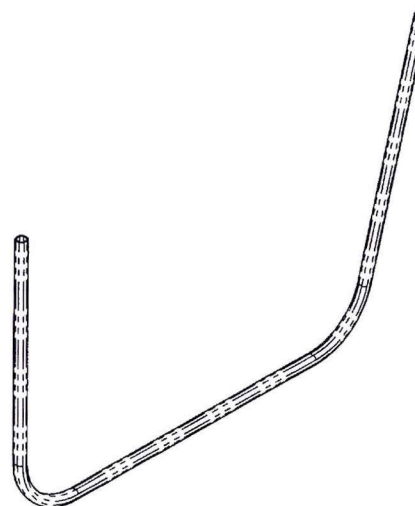
Plex 1/17/19 12:56 PM Dart.Macdonald.Dara

LF

ITEM	QTY -041	P/N	DESCRIPTION
	X	D3916-041	RIB ASSY
1	1	D3916-1	RIB
2	7	D3759-1	BUSHING



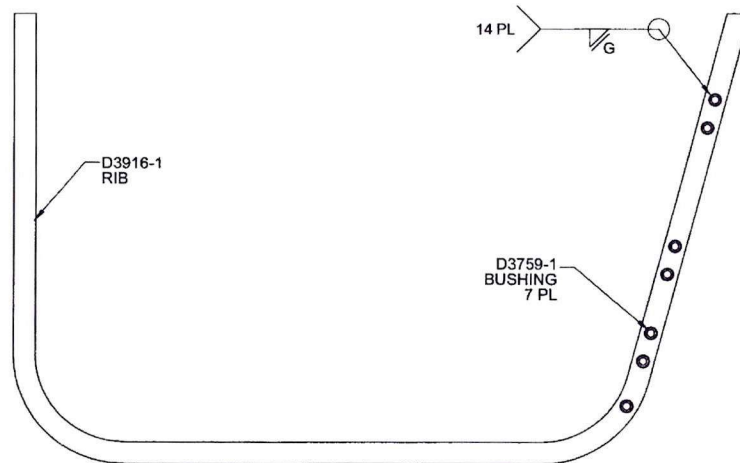
D3916-041 RIB ASSY



D3916-5 LIGHT RIB

OK 10.12.21
 UNDER REVIEW
 ADDITION OF HOLE + BUSHING
 on D3916-041-1 RIBS.
RELEASED
 2010-03-12
 JWP

A	NEW ISSUE	JPH	10.03.04
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	JPH	DRAWING NO.	REV. A
MFG. APPR.	JPH	D3916	SHEET 1 OF 4
APPROVED	JPH	TITLE	SCALE
DE APPR.	JPH	RIB ASSY, 350 BASKET	NTS
DATE	10.03.04	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE LOANED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	



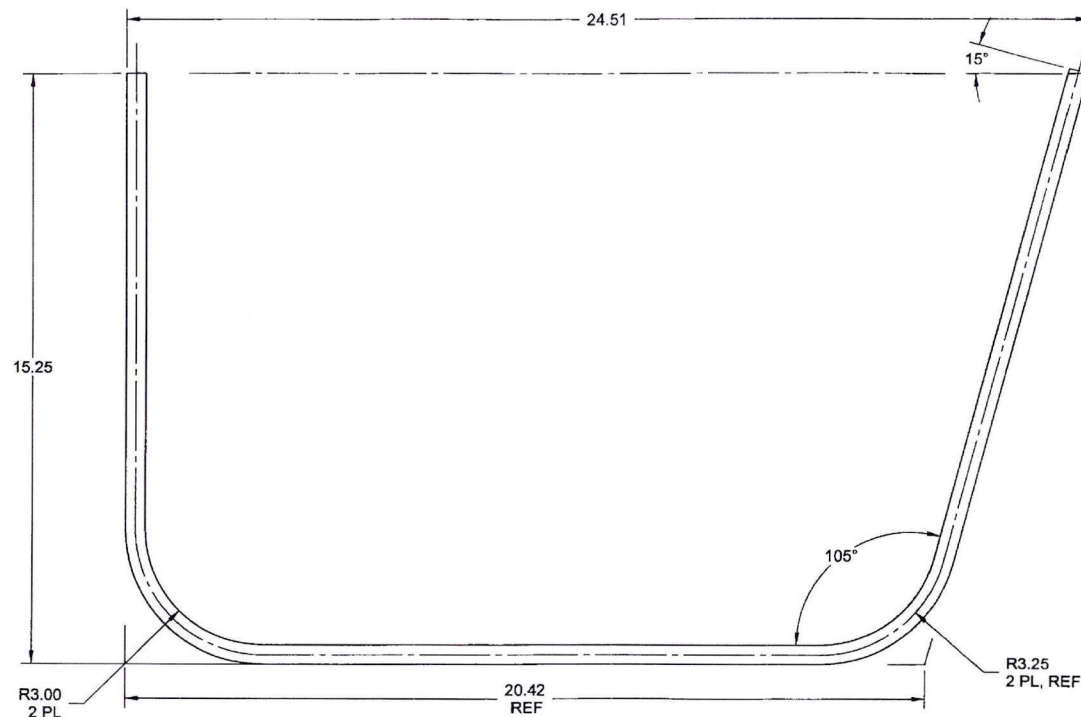
D3916-041 RIB ASSY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT -041: 1.84 lbs
- 8) WELD PER DART QSI 004

RELEASED
2010-03-12
JPH

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D3916	SHEET 2 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	RIB ASSY, 350 BASKET	NTS
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9 D3916-5 LIGHT RIB

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBE, 0.50 X 0.50 X 0.049 WALL
REF DART SPEC. M304TS0.500W.049
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.07 lbs
- 9) TUBE FLAT LENGTH 49.5 REF

RELEASED
2010-03-13
JM

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	JPH		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D3916	SHEET 4 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	RIB ASSY, 350 BASKET	NTS
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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					